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210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390  
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9256525.M SSHAETAPAFMAEPAISDSG QGSFS GKALDVMATGCVLYLCEVYKCFPFDD YILLHRKIKNEAVV FPEPEPVSBDKDLTRMLDK NPETRI CVSDIKQHPVW  
21703722.M SNIVGTAPAFMAEPAISSET RKIFSGKALDVMATGCVLYLCEVYKCFPFDDERI MCLHSKIKSQALE NPESRIV VPEIKQHPVW  
CAMK2.H SNIVGTAPAFMAEPAISSET KIFSGKALDVMATGCVLYLCEVYKCFPFDDERI CLHSKIKSQALE NPESRI VPEIKQHPVW  
13786172.R SNIVGTAPAFMAEPAISSET RKIFSGKALDVMATGCVLYLCEVYKCFPFDDERI MCLHSKIKSQALE NPESRI VPEIKQHPVW  
13928916.R SSHAETAPAFMAEPAISDTI QGSFS GKALDVMATGCVLYLCEVYKCFPFDDERI YILLHRKIKNEAVV FPEPEPVSBDKDLTRMLDK NPETRI CVSDIKQHPVW  
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23956070.M KTICTCTNYIAPSEVLR QGHGPEADVSLGCVMYLILCGSPFFETAD LKEVYRCIKQVH YTLFASLSUPAROLLAALIRA SPRDRS IEQILRHDFP  
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2279889.M KTICTCTNYIAPSEVLRNK QGHGCESDIILGCVMYLILCGSPFFETTN LKEVYRCIREAR YIMPSSILAPAKHLHASMISKN NPEDRPS LDDIRHDFP  
PLK2.H KTICTCTNYIAPSEVLRNK QGHGCESDIILGCVMYLILCGSPFFETTN LKEVYRCIREAR RYMPSSILAPAKHLHASMISKN NPEDRPS SLDDIRHDFP  
PLK-2.W KTICTCTNYIAPSEVLRNK IGH SFEVDIILGCVLYLCEVYKCFPFBSKS LBETYSRIKNNN YVPTSASASASOLIRVLDLP VPRRP NARAVCRDFP  
31981564.M KTICTCTNYIAPSEVLSK KGH SFEVDVLSIGCVMYLILCGSPFFETSCL LKEVYLRKIKNE YSIPKHNIPVAASHIKMLDTP DPTAREP THELNDHDFP  
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POLO.F KTICTCTNYIAPSEVLSK KGH SFEVDIILGCVMYLILCGSPFFETSCL LKEVYLRKIKN YSIPKHNIPVAASHIKMLDTP PAARP TTHELNDHDFP  
ULK4.H SVKSEVYLAPEVVRG ADP SISSDLISLGCYLYEMSPKPFSESVS ELTEKILCED PL YRVEYSKRPADNVIAMQF NPESRE AIGOLHDFP  
25051442.M HVLRSPDYMAPEVYCR RQY DARVDLISGVVLYLCEVYKCFPFASRS FSELEKIRSNRVIE PLRPPQLSDQRDILRDLR DRARRIS PKDFAHFVW  
ULK3.H HVLRSPDYMAPEVYCO RQY DARVDLISGVVLYLCEVYKCFPFASRS FSELEKIRSNRVIE PLRPPQLSDQRDILRDLR DRARRIS SFCDFAHFVW



6981478.R DVAVTPDYLSPSEVLKSSQG --G-DGYM--GRECDWVSVGVELYEMLVCDTFFYADS --VGTYSKIMDHKNSL -- CFPEDTEISAKNLIICAFITD --REVRLG --RNGVEEIKRSHFF  
13592049.R DVAVTPDYLSPSEVLKSSQG --G-DGYM--GRECDWVSVGVELYEMLVCDTFFYADS --VGTYSKIMDHKNSL -- TFPDDNDISAKNLIICAFITD --REVRLG --RNGVEEIKRSHFF  
ROK.F SNAVTPDYLSPSEVLKSSQG --VDNBY--GRECDWVSVGTEILYEMLVCF--ETFFYADS --LVGTYSKIMD --HK -- NSLSFPPEVEISGCAKDLIRAFITD --RTORLGRY --GTEDIKRSHFF  
14192945.M LVAVTPDYLSPSEILQAVGG --GPGAGSY--GPECDWVWALGVFAEMYSQTFEYADS --TABTYAKTIYHYREHLS -- LPLADIVVPEBAQDLIRGLIC --PABIRLG --CGAGDSQKHPFF  
27676600.R LVAVTPDYLSPSEILQAVGG --GPGAGSY--GPECDWVWALGVFAEMYSQTFEYADS --ETIAKILVHYREHLS -- LPRADMGVPEBAQDLIRGLIC --PABIRLG --RCGAGDSQKHPFF  
DMPK1.H LVAVTPDYLSPSEILQAVGGGPGT --GSY--GPECDWVWALGVFAEMYSQTFEYADS --TABTYAKTIYHYK -- EHLSPVLDVSGPEBAQDLIRGLIC --PABIRLG --CAGDSQKHPFF  
27661270.R SVAVTPDYLSPSEILOAME --EG-KGHY--GPECDWVWALGVFAEMYSQTFEYADS --ETIYKIMNHEDHLQ -- FSPSDVVDVPEBAQDLIRGLIC --OBERLG --RCGLDDRSRHPFF  
DMPK2.H SVAVTPDYLSPSEILOAMEEGK --GHY--GPECDWVWALGVFAEMYSQTFEYADS --LVEIYKIMNHHE -- DHLQPPDVEDVPEBAQDLIRGLIC --ROBERLG --GLDDRSRHPFF  
K08B12.5.W NVAVTPDYLSPSEILOAME --GRGRY--GRECDWVWALGVFAEMYSQTFEYADS --LVDIYKIMNHSHQ -- DMLDPPDVEDVPEBAQDLIRGLIC --VDRFRGR --NGLSDRSHHPFF  
16758420.R SVAVTPDYLSPSEILOAME --DG-MGRY--GPECDWVWALGVFAEMYSQTFEYADS --ETIYKIMNHHEKRFQ -- FFSHVTVDSPEAKDLIRGLIC --PERRLG --ONCIEDRSHHPFF  
16758474.R SVAVTPDYLSPSEILOAME --DG-KGRY--GPECDWVWALGVFAEMYSQTFEYADS --ETIYKIMNHHEKRFQ -- FPTQVTVDSPEAKDLIRGLIC --PERRLG --ONCIEDRSHHPFF  
MRCKB.H SVAVTPDYLSPSEILOAME --GKY--GPECDWVWALGVFAEMYSQTFEYADS --LVEIYKIMNHHE -- ERFQFSPHVTVDSPEAKDLIRGLIC --SREBRLGON --GTEDRSKHPFF  
MRCKA.H SVAVTPDYLSPSEILOAME --GRY--GPECDWVWALGVFAEMYSQTFEYADS --LVEIYKIMNHK -- ERFQFPAQVTVDSPEAKDLIRGLIC --SREBRLGON --GTEDRSKHPFF  
GK.F NVAVTPDYLSPSEILOAME --DGKGRY--GTECDWVWALGVFAEMYSQTFEYADS --LVEIYKIMNH --HQNCF -- NLPSQETLNYKVSPTQDLIRGLIC --PBRNLGON --GTEDRSKHPFF  
TPK3.Y YTICTGTPDYLAPEVIVST --KPY--NKSVDWVWALGVLYEMLVCF--ETFFYADS --TMKYENILNAE -- LKFPFFPHDAQDLIRGLIC --DLSEBRLGON --LQNGSEVYKHPFF  
TPK1.Y YTICTGTPDYLAPEVIVST --KPY--NKSVDWVWALGVLYEMLVCF--ETFFYADS --TMKYENILNAE -- LRFPPPHDAQDLIRGLIC --DLSEBRLGON --LQNGSEVYKHPFF  
TPK2.Y WTICTGTPDYLAPEVIVTT --KPY--NKSVDWVWALGVLYEMLVCF--ETFFYADS --PMKYEKILQK -- VVYPPPHDQDLIRGLIC --DLTRRIGON --LQSGRDITKHPFF  
F47F2.1.W YTICTGTPDYLAPEVIVAR --TGH--NKGVDWVWALGVLYEMLVCF--ETFFYADS --TSEIYDAITLHK -- LKFPFPHDAQDLIRGLIC --DLTRRIGON --MKNQDQVYKHPFF  
27709130.W WTICTGTPDYLAPEVIVOS --KGH--GRAVDWVWALGVLYEMLVCF--ETFFYADS --PFGIYKILQK -- IDFPRLQDFTSPEAKDLIRGLIC --DRTRRIGON --MKNCAEDIKRSHFF  
23956080.M WTICTGTPDYLAPEVIVOS --KGH--GRAVDWVWALGVLYEMLVCF--ETFFYADS --PFGIYKILQK -- IDFPRLQDFTSPEAKDLIRGLIC --DRTRRIGON --MKNCAEDIKRSHFF  
PRKY.H WTICTGTPDYLAPEVIVOS --KGH--GRAVDWVWALGVLYEMLVCF--ETFFYADS --PFGIYKILQK -- IDFPRLQDFTSPEAKDLIRGLIC --DRTRRIGON --MKNCAEDIKRSHFF  
PRKH.H WTICTGTPDYLAPEVIVOS --KGH--GRAVDWVWALGVLYEMLVCF--ETFFYADS --PFGIYKILQK -- IDFPRLQDFTSPEAKDLIRGLIC --DRTRRIGON --MKNCAEDIKRSHFF  
C09G4.2.W WTICTGTPDYLAPEVIVAN --KGH--DISVDWVWALGVLYEMLVCF--ETFFYADS --PMVYNAIKQKLE -- KIDFPHDAQDLIRGLIC --DRTRRIGON --MKNCAEDIKRSHFF  
CG4839.F NTFCTGTPDYLAPEVIVHD --RGH--DRAVDWVWALGVLYEMLVCF--ETFFYADS --QIYIYKILQK -- KNWPRVTVDSPEAKDLIRGLIC --EPBERLGF --GDIGETRSHHPFF  
6981402.R WTICTGTPDYLAPEVIVLN --KGH--DPSVDWVWALGVLYEMLVCF--ETFFYADS --QMMTYNLILKQK -- DVLHMPSTRFKSQAHLVRLCKQ --LPAERLGY --QRKQADIKRSHHPFF  
31982097.M WTICTGTPDYLAPEVIVLN --KGH--DPSVDWVWALGVLYEMLVCF--ETFFYADS --QMMTYNLILKQK -- MDFFPKITRRPEDLIRGLIC --PBERLGN --LKNQINDIKRSHHPFF  
PKG2.H WTICTGTPDYLAPEVIVLN --KGH--DPSVDWVWALGVLYEMLVCF--ETFFYADS --QMMTYNLILKQK -- MDFFPKITRRPEDLIRGLIC --PBERLGN --LKNQINDIKRSHHPFF  
PKG1.H WTICTGTPDYLAPEVIVLN --KGH--DISADY--SLGILMYELLTQSPFFSGPD --PMKYENILRQ -- IEMKDFPKITRRPEDLIRGLIC --NPBERLGNLKN --GINDIKRSHHPFF  
675156.M WTICTGTPDYLAPEVIVLN --KGH--DISADY--SLGILMYELLTQSPFFSGPD --PMKYENILRQ -- IDMIFFPKITRRPEDLIRGLIC --NPBERLGNLKN --GVKDIQKHPFF  
27682661.R WTICTGTPDYLAPEVIVLN --KGH--DISADY--SLGILMYELLTQSPFFSGPD --PMKYENILRQ -- IEFKILAKNAANLKKLCKRD --NPBERLGNL --KNQVKTQKHPFF  
FOR.F WTICTGTPDYLAPEVIVLN --RGH--DISADY--SLGILMYELLTQSPFFSGPD --PMKYENILRQ -- IEFKILAKNAANLKKLCKRD --PBERLGN --LKNQVKTQKHPFF  
PKG21D.F WTICTGTPDYLAPEVIVLN --RGH--DISADY--SLGILMYELLTQSPFFSGPD --PMKYENILRQ -- DAIEFRNITRNASNLKKLCKRD --NPAERLGY --QRKQADIKRSHHPFF  
PKA-C2.F SDCCTGTPDYLAPEVIVOL --RBY--NKSVDWVWALGVLYEMLVCF--ETFFYADS --RDVILMYSKI -- DMIAFPKITSMAVOLLKRLCKRD --VPSERLGY --QTGQDITKHPFF  
CG12069.F MTICTGTPDYLAPEVIVOS --KPY--GTSVDWVWALGVLYEMLVCF--ETFFYADS --RDVMSMWNKICE --AD -- CDYKMPSTYFSTRSQRSDVSLRQVDTSKRKLERRL --QRBSB --  
PKACG.H WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PIQYKIVISG -- YKMPSTYFSTRSQRSDVSLRQVDTSKRKLERRL --DLSEBRFON --LQNGSEVYKHPFF  
PKACB.H WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PIQYKIVISG -- VRFPSHFSSDDEKDLIRGLIC --DLTKRFEONLKN --GVNDIKRSHHPFF  
27698444.R WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PIQYKIVISG -- KVRFPESHSSDDEKDLIRGLIC --DLTKRFEONLKN --GVNDIKRSHHPFF  
27679992.R WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PRSLTQSRFM -- I --PDIATAH --CM -- QIPDIATAH --CM --  
6755076.M WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PIQYKIVISG -- R --RIFPERSARRISVPIERT --FCG --  
PKACA.H WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PIQYKIVISG -- VRFPSHFSSDDEKDLIRGLIC --DLTKRFEONLKN --GVNDIKRSHHPFF  
7110693.M WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PIQYKIVISG -- KVRFPESHSSDDEKDLIRGLIC --DLTKRFEONLKN --GVNDIKRSHHPFF  
PKA-CA.PDB WTICTGTPDYLAPEVIVOS --KGY--NKAVDWVWALGVLYEMLVCF--ETFFYADS --PIQYKIVISG -- RFPSP --FSSDDEKDLIRGLIC --DLTKRFEONLKN --GVNDIKRSHHPFF  
30681369.P CTFTVTAAYVPEVIVNS --SPATFGNDLWALGCTILYQMLSGTSPFFKQAS --EWLIFQRIIARD -- LKFNFIHFSBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
18414583.P CTFTVTAAYVPEVIVNS --SPATFGNDLWALGCTILYQMLSGTSPFFKQAS --EWLIFQRIIARD -- LKFNFIHFSBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
PK1-1.W TTFVGTALVYSPPEVIVAD --GDV--GPEQDILWALGCTILYQMLSGTSPFFKQAS --QVHLKRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
13592023.R NSFSVTAQVYSPPEVIVTE --KSA--CRSSDILWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
6755020.M NSFSVTAQVYSPPEVIVTE --KSA--CRSSDILWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
PKD1.H NSFSVTAQVYSPPEVIVTE --KSA--CRSSDILWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
YDR466W.Y ASFSVTAQVYSPPEVIVLY --NCCYGSDDILWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
PKH2.Y KSFVTAQVYSPPEVIVND --SFT--DYRQDILWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
PKH1.Y KSFVTAQVYSPPEVIVND --NYT--DSRODILWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
PK61C.F ASFSVTAQVYSPPEVIVON --GPI--THAADLWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
SGK494.H YTICTGTPDYLAPEVIVSG --GPI--THAADLWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
M03C11.1.W TSYSVTRVYMAPEVIVATYLE --IEDQY--DSRYDILWALGCTILYQMLSGTSPFFKQAS --EYLIFQRIIARD -- YDFPEKFFPBAARDLIRGLIC --DPERRFGA --GSECVYALKRHPFF  
10946600.M TALAATKHYMAPEVIVHFSV --NGGTG--SFEVDWVWALGVFAEMYSQTFEYADS --SNAVESVQLFSTVS -- VQYVPTWSKEMVALRGLIC --NPBERLGN --QDMQAPSLAHVIL  
YANK3.H TALAATKHYMAPEVIVHFSV --TGY--SFEVDWVWALGVFAEMYSQTFEYADS --SNAVESVQLFSTVS -- TVSYQYVPTWSKEMVALRGLIC --NPBERLGN --QDMQAPSLAHVIL  
20829933.M SSMATKHYMAPEVIVQVYV --DGGPGY--SYVDWVWALGVFAEMYSQTFEYADS --ATPIDEILNMFKVER -- VHYSSWVWCBGMVALRGLIC --DPERRLGS --SLRDIQSMYVL  
YANK2.H SSMATKHYMAPEVIVQVYV --PGY--SYVDWVWALGVFAEMYSQTFEYADS --VTPIDEILNMFK -- VERHYSSWVWCBGMVALRGLIC --DPERRLGS --SLRDIQSMYVL  
30520199.M TTVAGTKHYMAPEVIVTSR --KETQY--SRAVDWVWALGVFAEMYSQTFEYADS --STSSKEIVNMFETAI -- VTYPSAWSQEMVSLKGLIC --NPBERLGN --HLTDIQSMYVL  
28524295.M TTVAGTKHYMAPEVIVTSR --KETQY--SRAVDWVWALGVFAEMYSQTFEYADS --STSSKEIVNMFETAI -- VTYPSAWSQEMVSLKGLIC --NPBERLGN --HLTDIQSMYVL  
YANK1.H TTVAGTKHYMAPEVIVTSR --AGY--SRAVDWVWALGVFAEMYSQTFEYADS --STSSKEIVNMFETAI -- VTYPSAWSQEMVSLKGLIC --NPBERLGN --HLTDIQSMYVL  
CG9818.F CSMSCTKHYMAPEVIVLICAL --DEVAGY--SYVDWVWALGVFAEMYSQTFEYADS --NTPLAETIKILN --TP -- VHYPRYSWVWCBGMVALRGLIC --DPERRLGS --SLRDIQSMYVL  
YNR047W.Y NSFSVTAQVYSPPEVIVRG --NGH--TAAVDWVWALGVLYEMLVCF--ETFFYADS --SNEBFTNLKNE -- VSPNNNISTSRKQDLIRGLIC --NESEKRLGC --KMGAAVYKHPFF  
KIN82.Y NSFSVTAQVYSPPEVIVRG --NGH--TAAVDWVWALGVLYEMLVCF--ETFFYADS --SNEBFTNLKNE -- VKFPDHPKVSCKDLIRGLIC --NESEKRLGC --KMGAAVYKHPFF  
18403402.P NSFSVTAQVYSPPEVIVRG --DGH--RAVDWVWALGVLYEMLVCF--ETFFYADS --KKEBFRNVLKKE -- VKFPDHPKVSCKDLIRGLIC --NESEKRLGC --KMGAAVYKHPFF  
15232374.P NSFSVTAQVYSPPEVIVRG --DGH--RAVDWVWALGVLYEMLVCF--ETFFYADS --KKEBFRNVLKKE -- PEFAGKPNLTDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15230825.P NSFSVTAQVYSPPEVIVRG --DGH--RAVDWVWALGVLYEMLVCF--ETFFYADS --KKEBFRNVLKKE -- PNLTGERTSPTDILIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15235548.P NSFSVTAQVYSPPEVIVRG --SGH--RAVDWVWALGVLYEMLVCF--ETFFYADS --KKEBFRNVLKKE -- PNLTGERTSPTDILIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
30693721.P NSFSVTAQVYSPPEVIVRG --EGH--GAVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- PSLVGETSPTDILIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
30693719.P NSFSVTAQVYSPPEVIVRG --EGH--GAVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15227639.P NSFSVTAQVYSPPEVIVRG --EGH--GAVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15242814.P NSFSVTAQVYSPPEVIVRG --EGH--GAVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15242554.P MSFSVTAQVYSPPEVIVRG --DGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
30689844.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15219322.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15219253.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15230566.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15232201.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15238798.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15241076.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15236802.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
30692190.P MSFSVTAQVYSPPEVIVRG --EGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15268000.P GSPVTAQVYSPPEVIVSG --GSH--GNVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15257776.P KSPVTAQVYSPPEVIVSG --QGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF  
15220907.P KSCVTAQVYSPPEVIVSG --NGH--GSVDWVWALGVLYEMLVCF--ETFFYADS --NDEILANVVLQ -- LKFPDHPKVSCKDLIRGLIC --DPNRRIGON --H --RCAAEIKELAF



8394047.R	STFCCTPEFLAPVFLVD	TSYTRAVDWWGLGVLLYEMLVGESFFGDD	EBEVEDSIIVNDE	VRYPRFLSREAIQIMRRLRRN	PERRLGS--TERDAEDVKKHPFF
27697808.R	STFCCTPEFLAPVFLNE	TSYTRAVDWWGLGVLLYEMLVGESFFGDD	EBEVEDSIIVNDE	VRYPRFLSREAIQIMRRLRRN	PERRLGA--GEKDAEDVKKHPFF
PKN2.H	STFCCTPEFLAPVFLNE	TSYTRAVDWWGLGVLLYEMLVGESFFGDD	EBEVEDSIIVN	DEVRYPRFLSREAIQIMRRLRRN	NPERRLGA--SEKDAEDVKKHPFF
20878601.M	STFCCTPEFLAPVFLTE	TSYTRAVDWWGLGVLLYEMLVGESFFGDD	EBEVEDSIIVNDE	VRYPRFLSREAIQIMRRLRRN	NPERRLGA--GEKDAEDVKKHPFF
30520013.M	STFCCTPEFLAPVFLTE	TSYTRAVDWWGLGVLLYEMLVGESFFGDD	EBEVEDSIIVNDE	VRYPRFLSREAIQIMRRLRRN	NPERRLGA--GEKDAEDVKKHPFF
PKC1.Y	STFCCTPEFLAPVFLKE	QBYTRAVDWWAGVLLYQMLIQSFFSGDD	EDDEVENAILNDE	FLYPRFLSREAIQIMRRLRRN	DPERRLGA--GPRDAEDVMEBEPFF
6679353.M	NTFCCTPDYIAPVFLIG	QKYNSVSDWWSPGVLLYEMLVGESFFHGDD	EBEVEDHSIRMDN	PFYPRFLSREAIQIMRRLRRN	EBEPRKLG--VRGDIROHHPFF
PKCT.H	NTFCCTPDYIAPVFLIG	QKYNHSVSDWWSPGVLLYEMLVGESFFHGDD	EBEVEDHSIRMDN	DNPFYPRFLSREAIQIMRRLRRN	EBEPRKLG--RGDIROHHPFF
18959250.R	STFCCTPDYIAPVFLIG	LKYNSVSDWWSPGVLLYEMLVGESFFHGDD	EDDEVESIRVDT	PHYPRFLSREAIQIMRRLRRN	PAKRLG--VTGNIRHHPFF
6755082.M	STFCCTPDYIAPVFLIG	LKYNSVSDWWSPGVLLYEMLVGESFFHGDD	EDDEVESIRVDT	PHYPRFLSREAIQIMRRLRRN	DPDKRLG--VTGNIRHHPFF
PKCD.H	STFCCTPDYIAPVFLIG	LKYNSVSDWWSPGVLLYEMLVGESFFHGDD	EDDEVESIRV	DTPHYPRFLSREAIQIMRRLRRN	EPDKRLG--VTGNIRHHPFF
PKCDELTA.F	DSFCCTPDYIAPVFLIG	EKYNSVSDWWSPGVLLYEMLVGESFFSGDD	EDDEVESIRV	FFVYISABATGILKGLLTK	DYIKRIGS--QYSPAGDIADHHPFF
13592027.R	ATFCCTPDYIAPVFLIG	MLYGRAVDWWAMGVLLYEMLVGESFFGDD	EDDEVESIRV	VVYPTWLHEDATGILKGLLTK	PIMRLGSL--TQCGEHEILRHPFF
31543511.M	ATFCCTPDYIAPVFLIG	MLYGRAVDWWAMGVLLYEMLVGESFFGDD	EDDEVESIRV	VVYPTWLHEDATGILKGLLTK	NPIMRLGSL--TQCGEHEILRHPFF
PKCH.H	ATFCCTPDYIAPVFLIG	MLYGRAVDWWAMGVLLYEMLVGESFFGDD	EDDEVESIRV	DEVVYPTWLHEDATGILKGLLTK	NPIMRLGSL--TQCGEHEILRHPFF
6755084.M	TFFCCTPDYIAPVFLIG	LBYSVSDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VLYPVVLSREAVSILKGFMTK	NPKRLGCVAAQN--CEDAIKQHPFF
PKCE.H	TFFCCTPDYIAPVFLIG	LBYSVSDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	DDVLYPVVLSREAVSILKGFMTK	NPKRLGCVAAQN--CEDAIKQHPFF
PKC98E.F	TFFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VLYPVVLSREAVSILKGFMTK	NPKRLGCVAAQN--CEDAIKQHPFF
PKC53E.F	KTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VSYPKLSREAVSILKGFMTK	QPKRLG--GSSCEEDVREHHPFF
6981400.R	RTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VTYPKLSREAVSILKGFMTK	PKRLG--GPDCEPTIRAHHPFF
6755080.M	RTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VTYPKLSREAVSILKGFMTK	PKRLG--GPDCEPTIRAHHPFF
PKCG.H	RTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	QTYPKLSREAVSILKGFMTK	HPKRLG--GPDCEPTIRAHHPFF
PKCA.H	RTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	HNVSYPKLSREAVSILKGFMTK	HPKRLG--GPEGERDVRBHPFF
6755078.M	RTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VSYPKLSREAVSILKGFMTK	QPKRLG--GPEGERDVRBHPFF
28514642.M	RTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VSYPKLSREAVSILKGFMTK	HPKRLG--GPEGERDVRBHPFF
6679345.M	KTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VAYPKLSREAVSILKGFMTK	HPKRLG--GPEGERDVRBHPFF
PKCB.H	KTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	HNVAYPKLSREAVSILKGFMTK	HPKRLG--GPEGERDVRBHPFF
6981398.R	KTFCCTPDYIAPVFLIG	QBYGASVDWWALGVLLYEMLVGESFFGDD	EDDEVESIRV	VAYPKLSREAVSILKGFMTK	PKRLG--GPEGERDVRBHPFF
AKT1.LW	STFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	LRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
AKT3.H	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	EDIKFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
6753032.M	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IKFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
13928778.R	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IKFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
AKT1.H	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
25071037.M	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
6753034.M	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
15100164.R	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
8392888.R	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
AKT2.H	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
6680674.M	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	IRFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF
AKT1.F	KTFCCTPEYLAPVFLDD	NDYGRAVDWWGLGVVVMYEMMCORLFFYNQD	HEKLEPILMEE	VKFPKLSREAVSILKGFMTK	DPKRLG--GSDAKEIMOHHPFF